

What is claimed is:

1. A software product for a computer system to configure a transaction for a user operating a web browser wherein the transaction is used for automated testing of an Internet server system, the software product comprising:

5 test instructions configured direct a processor to interact with the web browser and the Internet server system to record web browser activity to generate the transaction, edit the transaction, perform an automated test of the Internet server system using the transaction, display test results to the user from the automated test, and save the transaction for subsequent automated testing of the Internet server system; and

10 a storage medium configured to store the test instructions.

15 2. The software product of claim 1 wherein the test instructions are further configured to direct the processor to interact with the web browser and the Internet server system through a firewall.

 3. The software product of claim 1 wherein the test instructions are further configured to direct the processor to record the web browser activity to generate test measurements.

20 4. The software product of claim 3 wherein one of the test measurements is a sequence of web pages.

5. The software product of claim 1 wherein the test instructions are further configured to direct the processor to add test measurements to the transaction including transaction time and transaction data transfer rate.

6. The software product of claim 1 wherein the test instructions are further configured to direct the processor to record the browser activity as a series of steps and to edit the transaction to specify test measurements for each step.

7. The software product of claim 6 wherein one of the test measurements for each step is elapsed time.

8. The software product of claim 6 wherein one of the test measurements for each step is a required string in an Internet server system response.

9. The software product of claim 6 wherein one of the test measurements for each step is a prohibited string in an Internet server system response.

10. The software product of claim 6 wherein the test instructions are further configured to direct the processor to record pauses for the steps and edit the transaction to redefine the pauses.

11. A method of operating a computer system to configure a transaction for a user operating a web browser wherein the transaction is used for automated testing of an Internet server system, the method comprising:

interacting with the web browser and the Internet server system to record web browser activity to generate the transaction;

interacting with the web browser to edit the transaction;

interacting with the Internet server system to perform an automated test of the Internet server system using the transaction;

interacting with the web browser to display test results to the user from the automated test; and

saving the transaction for subsequent automated testing of the Internet server system.

12. The method of claim 11 wherein interacting with the web browser and the Internet server system comprises interacting through a firewall.

13. The method of claim 11 further comprising recording the web browser activity to generate test measurements.

14. The method of claim 13 wherein one of the test measurements is a sequence of web pages.

15. The method of claim 11 further comprising adding test measurements to the transaction including transaction time and transaction data transfer rate.

16. The method of claim 1 further comprising recording the browser activity as a series of steps and editing the transaction to specify test measurements for each step.

17. The method of claim 16 wherein one of the test measurements for each step is elapsed time.

18. The method of claim 16 wherein one of the test measurements for each step is a required string in an Internet server system response.

19. The method of claim 16 wherein one of the test measurements for each step is a prohibited string in an Internet server system response.

20. The method of claim 16 further comprising record pauses for the steps and editing the transaction to redefine the pauses.